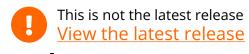


Home > Statistics > Labour > Employment and unemployment > Labour Force, Australia > January 2023



Labour Force, Australia

Headline estimates of employment, unemployment, underemployment, participation and hours worked from the monthly Labour Force Survey

Reference period January 2023

Released 16/02/2023

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Key statistics

In trend terms, in January 2023:

- unemployment rate remained at 3.5%.
- participation rate decreased to 66.5%.
- employment increased to 13,753,200.

- employment to population ratio decreased to 64.2%.
- underemployment rate remained at 6.1%.
- monthly hours worked increased to 1,884 million.

In seasonally adjusted terms, in January 2023:

- unemployment rate increased to 3.7%.
- participation rate decreased to 66.5%.
- employment decreased to 13,721,900.
- employment to population ratio decreased to 64.0%.
- underemployment rate remained at 6.1%.
- monthly hours worked decreased to 1,836 million.
- full-time employment decreased by 43,300 to 9,567,800 people.
- part-time employment increased by 31,800 to 4,154,100 people.

Key statistics - Trend

	Dec-2022	Jan-2023	Monthly change	Monthly change (%)	Yearly change	Yearly change (%)
Employed people	13,741,900	13,753,200	11,300	0.1%	415,300	3.1%
Unemployed people	501,200	505,000	3,900	0.8%	-59,200	-10.5%
Unemployment rate	3.5%	3.5%	0.0 pts	na	-0.5 pts	na
Underemployment rate	6.1%	6.1%	0.0 pts	na	-0.5 pts	na
Participation rate	66.6%	66.5%	-0.1 pts	na	0.3 pts	na
Monthly hours worked in all jobs	1,881 million	1,884 million	3 million	0.2%	64 million	3.5%

Key statistics - Seasonally adjusted

	Dec-2022	Jan-2023	Monthly change	Monthly change (%)	Yearly change	Yearly change (%)
Employed people	13,733,400	13,721,900	-11,500	-0.1%	394,100	3.0%
Unemployed people	501,300	523,200	21,900	4.4%	-56,400	-9.7%

	Dec-2022 _.	Jan-2023	Monthly change	Monthly change (%)	Yearly change	Yearly change (%)
Unemployment rate	3.5%	3.7%	0.2 pts	na	-0.5 pts	na
Underemployment rate	6.1%	6.1%	0.1 pts	na	-0.4 pts	na
Participation rate	66.6%	66.5%	-0.1 pts	na	0.2 pts	na
Monthly hours worked in all jobs	1,877 million	1,836 million	-40 million	-2.1%	155 million	9.2%

Estimates of changes throughout this release are calculated using un-rounded level estimates and may be different from, but are more accurate than, movements obtained from the rounded level estimates.

Survey impacts and changes

Guide to labour statistics

To learn more about our different labour measures, their purpose and how to use them, see our new <u>Guide to labour statistics (/statistics/understanding-statistics/guide-labour-statistics)</u>. It provides summary information on key labour market topics including <u>Industry employment data (/statistics/understanding-statistics/guide-labour-statistics/industry-employment-guide)</u>.

Articles and other information

The ABS has included more detailed information given the interest in understanding flows into and out of employment in January, holiday-related impacts on hours worked, and historical comparisons with the labour market before the monthly Labour Force Survey commenced in 1978.

This detailed information can be found in:

- Insights into job attachment, January 2023 (/articles/insights-job-attachment-january-2023)
- Insights into hours worked, January 2023 (/articles/insights-hours-worked-january-2023)
- Historical charts from 1966 to January 2023 (/articles/historical-chartsaugust-1966-january-2023)

For a list of previously published LFS articles, see the <u>Article archive (/statistics/labour/employment-and-unemployment/labour-force-australia/latest-release#article-archive)</u>.

The ABS is also continuing to include data cubes EM2a and EM2b in this release. These two data cubes are usually only released in <u>Labour Force</u>, <u>Australia</u>, <u>Detailed (/ statistics/labour/employment-and-unemployment/labour-force-australia-detailed/ latest-release</u>), but will continue to be released in the headline release over the coming months.

Additional spreadsheets and pivot tables are published in <u>Labour Force</u>, <u>Australia</u>, <u>Detailed</u> (/statistics/labour/employment-and-unemployment/labour-force-australia-detailed/latest-release) one week after this release, while longitudinal labour force microdata are released in the ABS DataLab, on 24 February 2023 (see <u>Microdata</u>: <u>Longitudinal Labour Force</u>, <u>Australia</u> (/statistics/microdata-tablebuilder/available-microdata-tablebuilder/longitudinal-labour-force-australia</u>).

Survey response and timeline

The January Labour Force Survey was run in respect of the two weeks from Sunday 1 January to Saturday 14 January, and collected over the period from Sunday 8 January to Saturday 28 January.

The ABS would like to thank Australians for their continued support in responding to our surveys, given how critically important this information is.

Reference and Fnumeration Dates

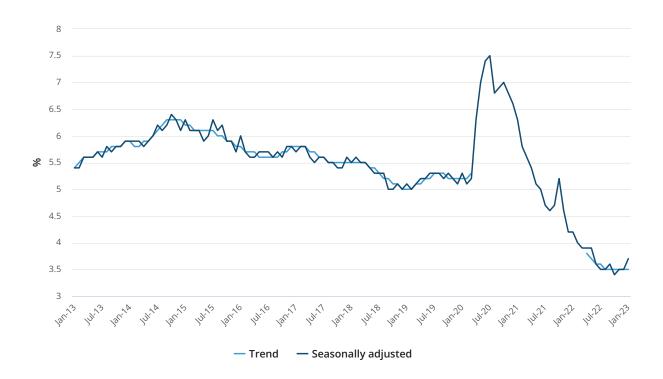
Publication	Start of Reference Week	End of Reference Week	Start of Enumeration	End of Enumeration
Dec-22	27th November 2022	10th December 2022	4th December 2022	22nd December 2022
Jan-23	1st January 2023	14th January 2023	8th January 2023	28th January 2023
Feb-23	29th January 2023	11th February 2023	5th February 2023	25th February 2023
Mar-23	26th February 2023	11th March 2023	5th March 2023	25th March 2023
Apr-23	2nd April 2023	15th April 2023	9th April 2023	29th April 2023
May-23	30th April 2023	13th May 2023	7th May 2023	27th May 2023

Unemployment

In trend terms, in January 2023:

- unemployment rate remained at 3.5%.
- unemployed people increased by 3,900 to 505,000.
- youth unemployment rate remained at 7.8%.

Unemployment rate



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. Information on trend breaks can be found in <u>Labour Force</u>, <u>Australia methodology</u>, <u>January 2023 (/ methodologies/labour-force-australia-methodology/jan-2023)</u>.

Employment

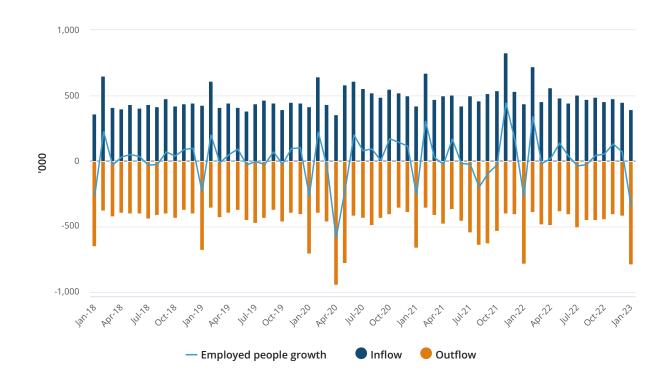
In trend terms, in January 2023, employment increased by 11,300 people (0.1%) to 13,753,200 people.

Flows into and out of employment

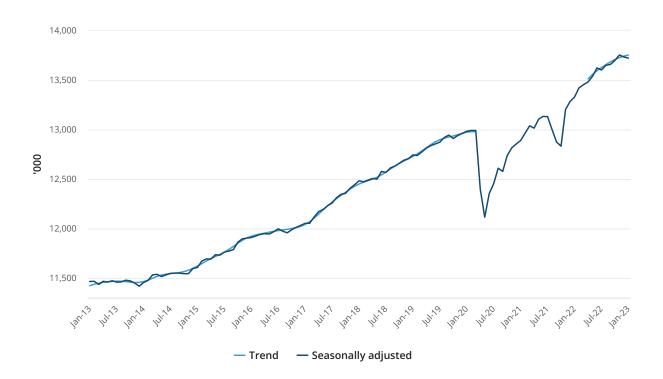
Flows into and out of employment are extensive and are based on the net matched sample of original employment growth between two consecutive months (around 80% of the sample). The (net) sum of the inflows and outflows does not necessarily equal the 'net' employment growth.

For January 2023, the net change in the number of employed people is the result of around 394,000 people entering employment (i.e. they were not employed in December but were employed in January), while around 793,000 people left employment (i.e. they were employed in December but not employed in January). This contrasts with December 2022, where around 449,000 people entered employment and around 418,000 people left employment.

Monthly inflows, outflows and employment growth, Original



Employed people



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. Information on trend breaks can be found in <u>Labour Force</u>, <u>Australia methodology</u>, <u>January 2023 (/ methodologies/labour-force-australia-methodology/jan-2023)</u>.

Full-time and part-time employment

In trend terms, in January 2023:

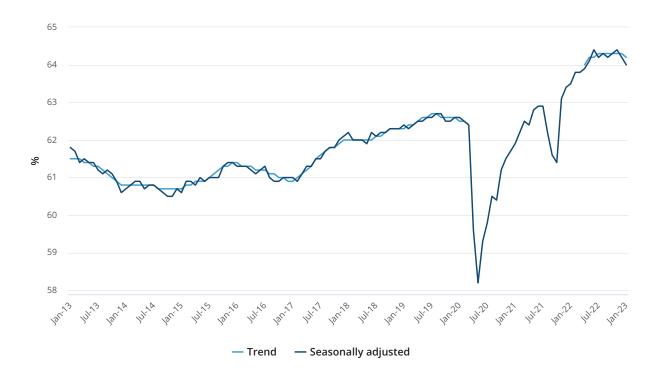
- full-time employment increased by 9,200 to 9,602,400 people, and part-time employment increased by 2,200 to 4,150,800 people.
- part-time share of employment was 30.2%.

Employment-to-population ratio

In trend terms, in January 2023, the employment-to-population ratio decreased to 64.2%.

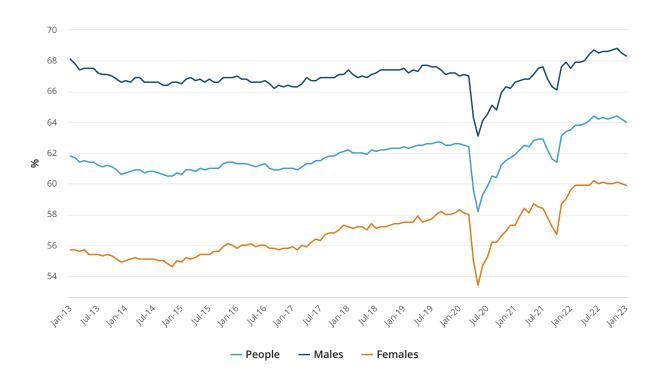
The employment-to-population ratio provides a measure of employment relative to the size of the population.

Employment-to-population ratio



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. Information on trend breaks can be found in <u>Labour Force, Australia methodology, January 2023 (/ methodologies/labour-force-australia-methodology/jan-2023)</u>.

Employment-to-population ratio, Seasonally adjusted

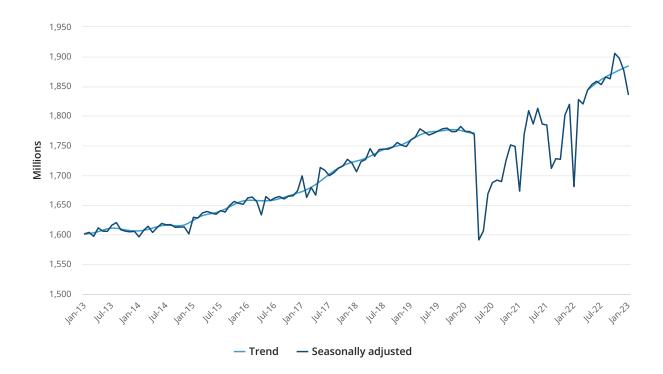


Hours worked

In trend terms, in January 2023, monthly hours worked in all jobs increased by 3.3 million hours (0.2%) to 1,884 million hours.

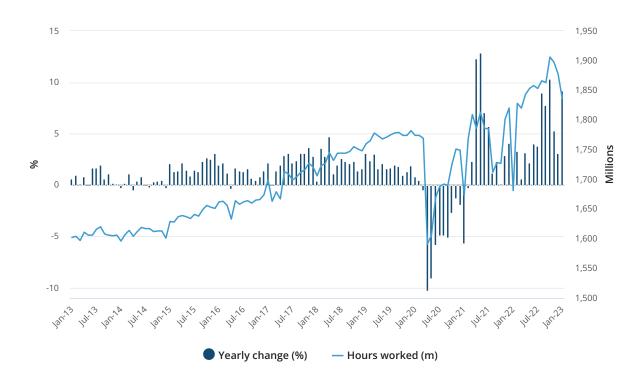
See the article <u>Insights into hours worked (/articles/insights-hours-worked-january-2023)</u> for more.

Monthly hours worked in all jobs



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. Information on trend breaks can be found in <u>Labour Force, Australia methodology, January 2023 (/ methodologies/labour-force-australia-methodology/jan-2023)</u>.

Monthly hours worked in all jobs, Seasonally adjusted

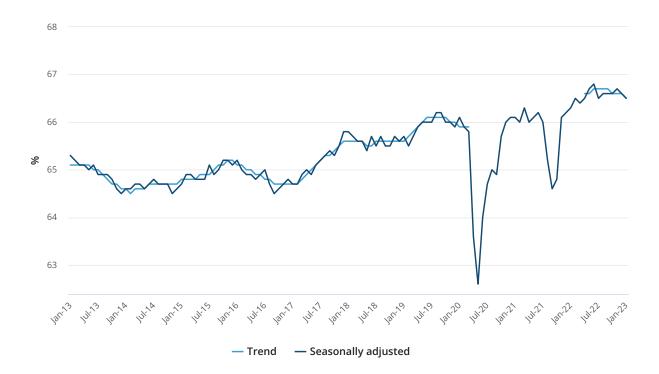


Participation

In trend terms, in January 2023, the participation rate:

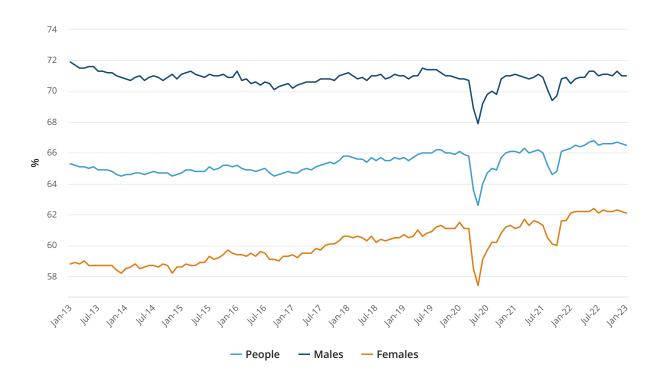
- decreased to 66.5%.
- decreased to 71.1% for men and remained at 62.2% for women.

Participation rate



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. Information on trend breaks can be found in <u>Labour Force, Australia methodology, January 2023 (/ methodologies/labour-force-australia-methodology/jan-2022)</u>.

Participation rate, Seasonally adjusted

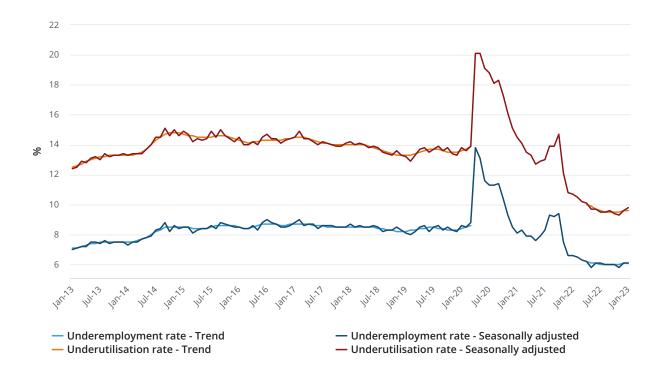


Underemployment

In trend terms, in January 2023:

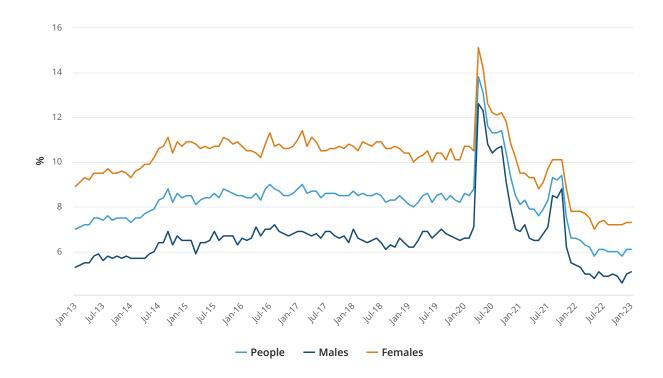
- underemployment rate remained at 6.1%.
- underutilisation rate remained at 9.6%.

Underemployment rate and underutilisation rate



Large month-to-month changes occurred during the COVID-19 pandemic, resulting in multiple trend breaks. The ABS recommends caution when using trend estimates published in spreadsheets in this release for this period. A list of trend breaks can be found in Labour Force, Australia methodology, January 2023 (/ methodologies/labour-force-australia-methodology/jan-2022).

Underemployment rate, Seasonally adjusted



States and Territories

January 2023 - Trend

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	No Tei
Employed people	4,310,400	3,507,000	2,797,400	926,200	1,512,500	289,200	
Employed people - monthly change	0.2%	0.0%	0.2%	0.2%	0.1%	0.1%	
Employment to population ratio	64.2%	64.0%	63.9%	61.1%	66.4%	60.0%	
Employment to population ratio - monthly change	0.0 pts	-0.1 pts	0.0 pts	0.0 pts	0.0 pts	-0.1 pts	

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Noi Tei
Unemployment rate	3.2%	3.8%	3.7%	4.0%	3.7%	4.0%	
Unemployment rate - monthly change	0.0 pts	0.1 pts	0.1 pts	0.0 pts	0.0 pts	0.0 pts	
Underemployment rate	5.7%	6.1%	6.5%	6.9%	5.8%	8.0%	
Underemployment rate - monthly change	0.0 pts	0.1 pts	-0.1 pts	0.1 pts	0.0 pts	0.3 pts	
Participation rate	66.3%	66.5%	66.4%	63.6%	68.9%	62.5%	
Participation rate - monthly change	0.0 pts	-0.1 pts	0.0 pts	0.0 pts	0.0 pts	-0.1 pts	

January 2023 - Seasonally adjusted

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	No Tei
Employed people	4,300,800	3,489,700	2,803,000	927,900	1,511,100	287,300	
Employed people - monthly change	-0.1%	-0.8%	0.6%	0.5%	-0.4%	-0.9%	
Employment to population ratio	64.0%	63.6%	64.0%	61.1%	66.3%	59.6%	
Employment to population ratio - monthly change	-0.2 pts	-0.6 pts	0.3 pts	0.2 pts	-0.3 pts	-0.6 pts	
Unemployment rate	3.1%	4.0%	3.8%	4.0%	3.6%	4.1%	
Unemployment rate - monthly change	0.0 pts	0.5 pts	0.0 pts	0.1 pts	0.1 pts	0.5 pts	
Underemployment rate	5.9%	6.2%	6.4%	6.9%	6.0%	9.0%	
Underemployment rate - monthly change	0.1 pts	0.1 pts	-0.2 pts	-1.0 pts	0.2 pts	1.5 pts	
Participation rate	66.1%	66.3%	66.5%	63.7%	68.8%	62.2%	

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	No Tei
Participation rate - monthly change	-0.2 pts	-0.3 pts	0.2 pts	0.2 pts	-0.3 pts	-0.3 pts	

Rotation group analysis

Sample composition and rotation

The Labour Force Survey sample can be thought of as comprising eight sub-samples (rotation groups), with each sub-sample remaining in the survey for eight months, and one group "rotating out" each month and being replaced by a new group "rotating in". As seven-eighths of the sample are common from one month to the next, changes in the estimates reflect real changes in the labour market, rather than changes in the sample. The replacement sample is generally selected from the same geographic areas as the outgoing one, as part of a representative sampling approach.

The sample comprises three components:

- the matched common sample (people who responded in both the current month and previous month)
- the unmatched common sample (people who responded in the current month but who did not respond in the previous month, or vice versa)
- the incoming rotation group (replacing people who rotated out)

The matched common sample describes the change observed for the same respondents in the current and previous month, while the other two components reflect differences between the aggregate labour force status of different groups of people.

While the rotation groups are designed to be representative of the population, the outgoing and incoming rotation groups will almost always have somewhat different characteristics, as they reflect different households and people. The design of the survey, including the weighting and estimation processes, ensures that these differences are generally relatively minor and do not affect the representativeness of the survey and its estimates. Monthly estimates are designed to be representative, regardless of the relative contribution of the three components of the sample.

The contributions of the three sample components to the original estimates of employed, unemployed and not in the labour force are in the Contribution from sample components to estimates spreadsheet.

Estimates for the incoming and outgoing rotation groups

Incoming and outgoing rotation groups

December January outgoing incoming rotation group

January outgoing rotation group

January estimate (Original)

	December outgoing rotation group	January incoming rotation group	January outgoing rotation group	January estimate (Original)
Employment to population ratio	64.9%	63.1%	63.2%	63.1%
Full-time employment to population ratio	45.8%	44.8%	44.4%	44.4%
Unemployment rate	3.5%	4.2%	3.4%	4.0%
Participation rate	67.2%	65.9%	65.4%	65.8%

States and Territories

In addition to analysis across the entire sample, the ABS also undertakes similar analysis for the responding sample in each state and territory each month, and highlights where there is a notable change for users to be aware of. For example, in January 2023, the incoming rotation group in Western Australia had a lower participation rate and a lower employment to population ratio than the group it replaced. The participation rate and the employment to population ratio of the incoming rotation group in Western Australia were the lowest among all the rotation groups in Western Australia. As with any notable month-to-month movement of this nature in state and territory estimates, the ABS recommends exercising a degree of caution in interpreting short-term changes.

As for its reporting for the entire sample, where the ABS has not highlighted a notable incoming rotation group effect, any larger changes should therefore be considered to reflect a broader change across the sample.

Comparability with seasonally adjusted and trend data

The gross flows and rotation group data are in original terms only, and are included to provide additional information on the month-to-month movements. They have a considerable level of inherent sampling variability, which is specifically adjusted for in the trend and seasonally adjusted series. The trend data provides the best measure of the underlying behaviour of the labour market and is the focus of the commentary in this publication.

Contribution from sample components to estimates

<u> ▶ Download XLSX</u>

[42.45 KB]

Data downloads

Labour Force Survey results are released in three stages.

- 1. Spreadsheets of the headline indicators are published in this release
- 2. Additional, more detailed spreadsheets and pivot tables are published in <u>Labour Force</u>, <u>Australia</u>, <u>Detailed</u> (/statistics/labour/employment-and-unemployment/ <u>labour-force-australia-detailed/latest-release</u>) one week after this first release
- 3. Longitudinal labour force microdata are released in the ABS DataLab on a monthly basis, one day after the detailed release (see Microdata: Longitudinal Labour Force, Australia (/statistics/microdata-tablebuilder/available-microdata-tablebuilder/longitudinal-labour-force-australia))

See the <u>Survey output (/methodologies/labour-force-australia-methodology/jan-2023#survey-output)</u> section of Labour Force, Australia methodology for more information.

Labour Force status

Table 1. Labour force status by Sex, Australia - Trend, Seasonally adjusted and Original

<u> → Download XLSX</u>

[704.32 KB]

Table 4. Labour force status by Sex, New South Wales - Trend, Seasonally adjusted and Original

<u> ▶</u> Download XLSX

[521.65 KB]

Table 5. Labour force status by Sex, Victoria - Trend, Seasonally adjusted and Original

<u> ▶</u> Download XLSX

[521.14 KB]

Table 6. Labour force status by Sex, Queensland - Trend, Seasonally adjusted and Original

<u>▶</u> Download XLSX

[523.35 KB]

Table 7. Labour force status by Sex, South Australia - Trend, Seasonally adjusted and Original

▶ Download XLSX

[516.88 KB]

Table 8. Labour force status by Sex, Western Australia - Trend, Seasonally adjusted and Original

↓ Download XLSX

[520.59 KB]

Table 9. Labour force status by Sex, Tasmania - Trend, Seasonally adjusted and Original

<u> → Download XLSX</u>

[519.1 KB]

Table 10. Labour force status by Sex, Northern Territory - Trend and Original

<u> → Download XLSX</u>

[468.03 KB]

Table 10a. Labour force status by Sex, Northern Territory - Seasonally adjusted

▶ Download XLSX

[162.52 KB]

Table 11. Labour force status by Sex, Australian Capital Territory - Trend and Original

<u> ▶ Download XLSX</u>

[424.53 KB]

Table 11a. Labour force status by Sex, Australian Capital Territory - Seasonally adjusted

<u> → Download XLSX</u>

[162.61 KB]

Table 12. Labour force status by Sex, State and Territory - Trend, Seasonally adjusted and Original

↓ Download XLSX

[4.29 MB]

Table 12a. Labour force status by Sex, Territory - Seasonally adjusted

▶ Download XLSX

[277.88 KB]

Table 13. Labour force status for 15-24 year olds by Sex - Trend, Seasonally adjusted and Original

▶ Download XLSX

[689.73 KB]

Table 15. Labour force status for 15-24 year olds by Educational attendance

(full-time) and Sex

▶ Download XLSX

[774.48 KB]

Table 16. Labour force status for 15-24 year olds by State, Territory and Educational attendance (full-time)

↓ Download XLSX

[2.36 MB]

Table 17. Labour force status for 15-19 year olds by Sex - Trend, Seasonally adjusted and Original

↓ Download XLSX

[584.99 KB]

Table 18. Labour force status for 15-64 year olds by Sex - Trend, Seasonally adjusted and Original

▶ Download XLSX

[700.24 KB]

Hours worked

Table 19. Monthly hours worked in all jobs by Employed full-time, part-time and Sex and by State and Territory - Trend and Seasonally adjusted

<u> ▶ Download XLSX</u>

[256.29 KB]

Table 19a. Monthly hours worked in all jobs by Employed full-time, part-time and Sex and Territory - Seasonally adjusted

▶ Download XLSX

[60.63 KB]

Table 21. Quarterly hours worked in all jobs by Market and Non-market sector - Seasonally adjusted

↓ Download XLSX

[57.39 KB]

EM2a - Employed persons who worked fewer hours than usual by hours actually worked in all jobs and sex, January 1991 onwards (pivot table)

↓ Download XLSX

[21.49 MB]

EM2b - Employed persons who worked fewer hours than usual by hours actually worked in all jobs, state and territory, January 1991 onwards (pivot table)

↓ Download XLSX

[9.96 MB]

Underemployment and underutilisation

Table 22. Underutilised persons by Age and Sex - Trend, Seasonally adjusted and Original

<u> → Download XLSX</u>

[4.79 MB]

Table 23. Underutilised persons by State and Territory and Sex - Trend, Seasonally adjusted and Original

<u>↓</u> Download XLSX

[5.85 MB]

Table 23a. Underutilised persons by Territory and Sex - Seasonally adjusted

▶ Download XLSX

[400.84 KB]

Table 24. Underutilised persons by Age and Sex (expanded analytical series)

▶ Download XLSX

[448.3 KB]

Table 25. Underutilised persons by State, Territory and Sex (expanded analytical series)

<u> → Download XLSX</u>

[370.68 KB]

Flows into and out of employment

GM1 - Labour force status and Gross changes (flows) by Age, Sex, State and Territory, February 1991 onwards

<u> → Download XLSX</u>

[96.58 MB]

All time series spreadsheets

All time series spreadsheets

▶ Download ZIP

[26.14 MB]

Data Explorer datasets

Caution: Data in the Data Explorer is currently released after the 11:30am release on the ABS website. Please check the time period when using Data Explorer.

For information on Data Explorer and how it works, see the <u>Data Explorer user guide (/ about/data-services/data-explorer/data-explorer-user-guide)</u>.

Labour force status by Sex, State and Territory (https://explore.data.abs.gov.au/vis? tm=labour%20force&pg=0&df[ds]=ABS_ABS_TOPICS&df[id]=LF&df[ag]=ABS&df[vs]=1.0.0&hc [Measure]=Labour%20Force&hc[ABS%20Topics]=LABOUR&pd=2021-01%2C&dq=M9.3.1599. 30%2B10%2B20.AUS.M&ly[cl]=TIME_PERIOD&ly[rw]=TSEST)_ - Number of people employed, unemployed and not in the labour force, monthly, February 1978 and onwards.

Article archive

Understanding the labour force

Historical charts from August 1966 to December 2022 (/articles/historical-charts-august-1966-december-2022) (December 2022)

<u>Historical charts from August 1966 to November 2022 (/articles/historical-charts-august-1966-november-2022)</u> (November 2022)

Historical charts from August 1966 to October 2022 (/articles/historical-charts-august-1966-october-2022) (October 2022)

Historical charts from August 1966 to September 2022 (/articles/historical-charts-august-1966-september-2022) (September 2022)

Historical charts from August 1966 to August 2022 (/articles/historical-charts-august-1966-august-2022) (August 2022)

<u>Historical charts from August 1966 to July 2022 (/articles/historical-charts-august-1966-july-2022)</u> (July 2022)

<u>Historical charts from August 1966 to June 2022 (/articles/historical-charts-august-1966-june-2022) (June 2022)</u>

Historical charts from August 1966 to May 2022 (/articles/historical-charts-august-1966-may-2022) (May 2022)

Historical charts from August 1966 to April 2022 (/articles/historical-charts-august-1966-april-2022) (April 2022)

Historical charts from 1966 (/articles/historical-charts-1966) (March 2022)

<u>Understanding full-time and part-time work (/articles/understanding-full-time-and-part-time-work) (January 2021)</u>

<u>Understanding differences between Labour Force employment statistics and Weekly Payroll Jobs (/articles/understanding-differences-between-labour-force-employment-statistics-and-weekly-payroll-jobs) (April 2020)</u>

<u>Classifying people during the COVID-19 period (https://www.abs.gov.au/articles/classifying-people-labour-force-survey-during-covid-19-period) (March 2020)</u>

<u>Labour Force Explained (https://www.abs.gov.au/websitedbs/D3310114.nsf/home/labour+force+explained)</u> (September 2017)

<u>Understanding the Australian labour force using ABS statistics (https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/6202.0Main%20Features999Dec%202013)</u> (December 2013)

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This release previously used catalogue number 6202.0.

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